

PLEASE NOTE

\* Copies not attached as previously submitted to or cited by the USPTO in parent applications US 10/160,273



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|   |                        |                          |                 |
|---|------------------------|--------------------------|-----------------|
| Substitute for form 1449A/PTO   |                        | <b>Complete if Known</b> |                 |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |                        | Application Number       |                 |
|   |                        | Filing Date              |                 |
|   |                        | First Named Inventor     | Kia Silverbrook |
|   |                        | Art Unit                 |                 |
|   |                        | Examiner Name            |                 |
| Sheet 1 of 7  | Attorney Docket Number | MTB07US                  |                 |

| U.S. PATENT DOCUMENTS |                       |   |                                |  |   |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials     | Cite No. <sup>1</sup> | Document Number<br>Number - Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
| [Signature]           |                       | us5,719,604 *   | Feb 17, 1998                   | Inui et al   |   |
|                       |                       | us5,666,141 *   | Sep 09, 1997                   | Matoba et al                                       |   |
|                       |                       | us4,672,398 *   | Jun 09, 1987                   | Kuwabara et al                                     |   |
|                       |                       | us4,737,802 *   | Apr 12, 1988                   | Mielke   |   |
|                       |                       | us5,029,805 *   | Jul 09, 1991                   | Albarda et al                                      |   |
|                       |                       | us5,258,774 *   | Nov 02, 1993                   | Rogers   |   |
|                       |                       | us4,553,393 *   | Nov 19, 1985                   | Ruoff  |   |
|                       |                       | us4,864,824 *   | Nov 12, 1989                   | Gabriel et al                                      |   |
|                       |                       | us4,423,401 *   | Dec 27, 1983                   | Mueller  |   |
|                       |                       | us1,941,001 *   | Jan 1929                       | Hansell  |   |
|                       |                       | us3,596,275 *   | Jul 1971                       | Sweet  |   |
|                       |                       | us3,373,437 *   | Mar 1968                       | Sweet et al  |   |
|                       |                       | us3,946,398 *   | Mar 1976                       | Kyser et al  |   |
|                       |                       | us3,683,212 *   | Aug 1972                       | Zoltan   |   |
|                       |                       | us3,747,120 *   | Jul 1973                       | Stemme   |   |
|                       |                       | us4,459,601 *   | Jul 1984                       | Howkins  |   |
|                       |                       | us4,584,590 *   | Apr 1986                       | Fischbeck et al                                    |   |
|                       |                       | us4,490,728 *   | Dec 1984                       | Vaught et al                                       |   |
|                       |                       | us4,899,181 *   | Dec 1990                       | Hawkins et al                                      |   |

| FOREIGN PATENT DOCUMENTS       |                       |                           |  |                                |  |   |                |
|--------------------------------|-----------------------|---------------------------|--|--------------------------------|--|---|----------------|
| Examiner Initials <sup>1</sup> | Cite No. <sup>1</sup> | Foreign Patent Document   |  | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|                                |                       | Country Code <sup>3</sup> | -Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) |                                |  |   |                |
| [Signature]                    |                       | EP                        | 0 713 774 *  | May 29, 1996                   | Sharp Kabushiki Kaisha                             | [Diagonal line]   |                |
|                                |                       | DE                        | 195 16 997 *   | Nov 16, 1995                   | Sharp K.K.   |   |                |
|                                |                       | DE                        | 196 23 620 *   | Dec 19, 1995                   | Sharp K.K.   |   |                |
|                                |                       | JP                        | 2-108544 (Abstract) *                                    | Apr 20, 1990                   | Seiko Epson Corp                                   |   |                |
|                                |                       | JP                        | 2-92643 (Abstract) *                                     | Apr 03, 1990                   | Seiko-Epson Corp                                   |   |                |
|                                |                       | JP                        | 4-353458 (Abstract) *                                    | Dec 08, 1992                   | Brother Ind Ltd                                    |   |                |
|                                |                       | JP                        | 6-91865 (Abstract) *                                     | Apr 05, 1994                   | Seikosha Co Ltd                                    |   |                |
|                                |                       | JP                        | 6-91866 (Abstract) *                                     | Apr 05, 1994                   | Seikosha Co Ltd                                    |   |                |
|                                |                       | JP                        | 2-265752 (Abstract) *                                    | Oct 30, 1990                   | Matsushita Electronic Ind Co Ltd                   |   |                |
|                                |                       | EP                        | 0 634 273 *  | Jan 18, 1995                   | Sharp Kabushiki Kaisha                             |   |                |

|                    |             |                 |         |
|--------------------|-------------|-----------------|---------|
| Examiner Signature | [Signature] | Date Considered | 2/28/00 |
|--------------------|-------------|-----------------|---------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**PLEASE NOTE -**

\* Copies not attached as previously submitted to or cited by the USPTO in parent applications US 10/160,273




PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|   |   |    |   |                          |                 |
|---|---|----|---|--------------------------|-----------------|
| Substitution for form 1449A/PTO<br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(use as many sheets as necessary)</i> |   |    |   | <b>Complete if Known</b> |                 |
|   |   |    |   | Application Number       |                 |
|   |   |    |   | Filing Date              |                 |
|   |   |    |   | First Named Inventor     | Kia Silverbrook |
|   |   |    |   | Art Unit                 |                 |
|   |   |    |   | Examiner Name            |                 |
| Sheet   | 2 | of | 7 | Attorney Docket Number   | MTB07US         |

[illegible]

| FOREIGN PATENT DOCUMENTS  |               |  |                                |  |   |
|---|---------------|--|--------------------------------|--|---|
| Examiner<br>Initials*   | Cite<br>No. 1 | Foreign Patent Document<br>Country Code 3 - Number 4 - Kind Code* (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear |
| <br><br> |               | DE 195 32 913 *  | Mar 28, 1996                   | Sharp K.K  |   |
|   |               | JP 58 112747 (Abstract) *  | Jul 05, 1983                   | Fujitsu KK   |   |
|   |               | DE 43-28 433 *   | Mar 02, 1995                   | Heidleberger-Druckmasch                            | inen AG   |
|   |               | JP 61.025849 (Abstract) *  | Feb 04, 1986                   | Canon Inc  |   |
|   |               | JP 01 128839 (Abstract) *  | May 22, 1989                   | Ricoh Co Ltd                                       |   |
|   |               | JP 04 126255 (Abstract) *  | Apr 27, 1992                   | Seiko Epson Corp                                   |   |
|   |               | GB 2 262 152 *   | Jun 09, 1993                   | Willett Int Ltd                                    |   |
|   |               | DE 195 16 997 *  | Nov 16, 1995                   | Sharp K.K  |   |
|   |               | JP 05 318724 (Abstract) *  | Dec 03, 1993                   | Seikosha Co Ltd                                    |   |
|   |               | JP 02 162049 (Abstract) *  | Jun 21, 1990                   | Seiko. Epsn. Corp                                  |   |
|   |               | DE 32 45 283 *   | Jun 07, 1984                   | Siemens AG   |   |
|   |               | JP 04 368851 (Abstract) *  | Dec 21, 1992                   | Seiko Epson Corp                                   |   |

|                    |                    |                 |         |
|--------------------|--------------------|-----------------|---------|
| Examiner Signature | <i>[Signature]</i> | Date Considered | 2/28/00 |
|--------------------|--------------------|-----------------|---------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Signature Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|   |   |    |                          |                        |         |
|---|---|----|--------------------------|------------------------|---------|
| Substitute for form 1449B/PTO<br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(use as many sheets as necessary)</i> |   |    | <b>Complete if Known</b> |                        |         |
|   |   |    | Application Number       |                        |         |
|   |   |    | Filing Date              |                        |         |
|   |   |    | First Named Inventor     | Kia Silverbrook        |         |
|   |   |    | Group Art Unit           |                        |         |
|   |   |    | Examiner Name            |                        |         |
| Sheet   | 7 | of | 7                        | Attorney Docket Number | MTB07US |

[illegible]

|                       |                    |                    |         |
|-----------------------|--------------------|--------------------|---------|
| Examiner<br>Signature | <i>[Signature]</i> | Date<br>Considered | 2/28/00 |
|-----------------------|--------------------|--------------------|---------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

+